

Basic features

Approval/Conformity	CE UKCA cULus WEEE
Life expectancy min.	50000 h
Scope of delivery	Lock washer Rubber foot Short guide M4x6 screw Hex nut M18x1

Display/Operation

Buzzer function	no
Colors, number	7
Dimmable	yes
Function indicator	Runlight Mode Level Mode Segment Mode Flexi-Mode
IO-Link communication indicator	Green LED
Module supply indicator	Green LED
Predefined colors	Yellow white Green Blue Red Orange configurable
Segments, number max.	5
Setting	Function indicator

Electrical connection

Connection	M12x1-Male, 4-pin, A-coded
Contact, surface protection	nickel plated 2 µm/gold plated 0.4 µm

Electrical data

Operating voltage U_b	18...30.2 VDC
Rated operating voltage U_e DC	24 V

Environmental conditions

Ambient temperature	-5...50 °C
IP rating	IP65
Storage temperature	-25...50 °C

Interface

Additional function	Expanded process data
Cycle time min.	7.2 ms
Error signal	≤ 3x120+40 mA
Frame type	2.V
IO-Link function	Device
IO-Link version	1.1
Interface	IO-Link 1.1
Process data IN	1 byte
Process data OUT	8 bytes
Process data cycle min.	7.2 ms

Signaling and Display Units
BNI IOL-802-102-Z036
Order Code: BNI0082

BALLUFF

Material

Housing material	PC, Transparent, Cu 15 µm, Ni 15 µm Die-cast zinc
Housing shield	yes
Surface protection	Cu 15 µm Ni 15 µm

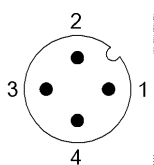
Mechanical data

Application weight	500.00 g
Dimension	60 x 60 x 309 mm
Grounding cable attachment	M4
Mounting part	Screws M18

Remarks

See short guide

Connector Drawings



IO-Link

PIN 1: +24V

PIN 2: not used

PIN 3: GND

PIN 4: C/Q, IO-Link DC-Channel